

S. No.	Category	Year	Application No.	Title	Inventor	School	Filing status with Patent Authority	Application Status	Commericalised (Yes / No)
1	Patent	2021	202111040974	Agricultural Tool	Dr. Sakshi Arora	Computer Science & Engineering	Published (17.03.2023)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
2	Patent	2020	202011048859	Methods and Systems for Monitoring Face Posture	Dr. Manoj Gupta and Dr. Abhishek Gupta	Computer Science & Engineering	Granted (16.11.2023)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
3	Patent	2017	201711014816	SECTOR BASED ARCHITECTURE DEVICE-TO DEVICE (D2D) COMMUNICATION	Dr. RK Jha, Dr. Pimmy Gandotra, Prof. Sanjeev Jain	Electronics & Communication Engineering	Granted (22.03.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
4	Patent	2017	201711014818	POWER OPTIMIZATION WITH LOW COMPLEXITY USING SCALED BEAMFORMING APPROACH	Dr. RK Jha	Electronics & Communication Engineering	Granted (19.06.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
5	Patent	2018	201811041582	An Assay For Telomere Length Measurement	Dr. Swarkar, Dr. Ekta Rai	Biotechnology	Published (21.12.2018)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
6	Patent	2020	202011008419	RECONFIGURABLE FREQUENCY SELECTIVE SURFACE (FSS) WITH DIFFERENT PROPERTIES IN TE & TM MODE FOR STEALTH TECHNOLOGY	Dr. KR Jha, ZA Pandit Zibran	Electronics & Communication Engineering	Published (03.09.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
7	Patent	2023	202311018215	SOLAR SELECTIVE COATING FOR SOLAR ABSORPTION WITH HIGH THERMO-MECHANICAL STABILITY AND MATERIAL OBTAINED THEREOF	Dr. Sahil Thapa, Dr. Yatheshth, Dr. Sanjeev Anand	Energy Management	Published (20.09.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy

8	Patent	2018	201811010011	ZONAL BASED GREEN ALGORITHM FOR ENHANCING BATTERY LIFETIME OF USER TERMINALS	Dr. Rakesh K Jha	Electronics & Communication Engineering	Published (29.03.2019)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
9	Patent	2023	202311046137	A COLLISION DETECTION AND VICTIM MANAGEMENT METHOD FOR ROAD SAFETY	Insha Altaf, Dr. Ajay Kaul	Computer Science & Engineering	Filed (10.07.2023)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
10	Patent	2020	202011013150	Smart Digital Pen: Samarth in e-Verification	Dr. Rakesh Jha, Haneet Kour	Electronics & Communication Engineering	Published (01.10.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
11	Patent	2018	201811038186	Ergonomically designed Multitasking Mop handle	Dr. Sanjay Mohan	Mechanical Engineering	Granted (07.02.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
12	Patent	2018	201811031311	CHECK VALVE DRIP-SET	Vikrant Charak		Published (07.08.2020)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
13	Patent	2017	201711014817	POWER OPTIMIZATION USING OPTIMUM NUMBER OF ANTENNA'S AT SMALL CELL ACCESS POINT IN NEXT GENERATION NETWORK	Dr. Rakesh Jha	Electronics & Communication Engineering	Published (28.12.2018)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
14	Patent	2019	201911012449	A NOVEL SYSTEM OF CAPACITOR VOLTAGE BALANCING OF A THREE-PHASE NEUTRAL-POINT CLAMPED BI-DIRECTIONAL RECTIFIER UNDER PERTURBED LOAD AND MAINS SUPPLY CONDITIONS	Dr. Deepak Sharma	Computer Science & Engineering	Granted (21.10.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy

15	Patent	2020	202011052574	REINFORCED ALUMINIUM MATRIX COMPOSITES AND METHOD OF PREPARATION THEREOF	Dr. RK Mishra, Dr. Balbir Singh, Mr. Pawandeep Singh	Mechanical Engineering	Published (03.06.2022)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
16	Patent	2019	201911029219	HUMAN IDENTIFICATION IN MULTI-GAIT SCENARIO	Dr. Uday Pratap Singh	Mathematics	Published (27.08.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
17	Patent	2020	202011010352	GREEN SYNTHESIS OF SILVER NANOPARTICLES	Dr. Indu Bhushan	Biotechnology	Published (17.09.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
18	Patent	2020	202011024270	Method and system for generating a three-dimensiona(3D) framework of an object	Dr. Abhishek Gupta	Computer Science & Engineering	Granted (01.03.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
19	Patent	2021	202111010330	REINFORCED ALUMINIUM MATRIX COMPOSITES AND METHOD OF PREPARATION THEREOF	Dr. Abhishek Gupta	Computer Science & Engineering	Published (11.11.2022)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
20	Patent	2021	202111022328	A FACE IDENTIFICATION METHOD AND A SYSTEM THEREOF	Dr. Amit Kant Pandit	Electronics & Communication Engineering	Published (28.05.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
21	Patent	2021	202111034866	Method and system for generating a three-dimensional template of a particular volume of an object	Dr. Abhishek Gupta	Computer Science & Engineering	Published (03.03.2023)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
22	Patent	2021	202111033627	A System and Method for Processing of Real Time Images	Dr. Amit Kant Pandit, Mr. Shubham Mahajan	Electronics & Communication Engineering	Published (27.08.2021)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy

23	Patent	2022	202211014084	STEARIC ACID BASED ANNULUS FINS TYPE EVACUATED TUBE SOLAR COLLECTOR	Dr. Kapil Chopra, Dr Vineet Veer Tyagi	Mechanical Engineering	Published (12.01.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
24	Patent	2023	202311038026	A METHOD FOR LIVE TRANSCRIPTION AND SUMMARIZATION USING DEEP LEARNINGPROCESSING ANDLANGUAGENATURAL	Dr. Bajinath Kaushik	Computer Science & Engineering	Filed (02.06.2023)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
25	Patent	2018	201811020588	A Polymerase Chain Reaction (PCR) Kit And Process For Making The Same	Dr. Swarkar Sharma	Biotechnology	Granted (29.05.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
26	Patent	2024	202411058382	3D Printed Bite Blocker with Detachable Tongue Retractor"	Dr. Ankush Raina	Mechanical Engineering	Filed (01.08.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy
27	Patent	2024	202411090484	3D Printed Bite Blocker with Grooved Lock Mechanism for Improved Dental Procedures	Dr. Ankush Raina	Mechanical Engineering	Filed (21.11.2024)	Filed	Potential for startup/technology transfer if permitted by authorities, as per policy